

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DKT. NO.  
500.37130CC2SERIAL NO.  
10/677,359INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

APPLICANT  
KAWAMAE, et al.FILING DATE  
October 3, 2003GROUP  
2615

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
	AA					
	AB					
	AC					
	AD					
	AE					
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	AH					
	AI					
	AJ					
	AK					
	AL					

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation /Abstract	
						Yes	No
<i>2006</i>	AM	2155676	9-25-85	Great Britain			
<i>2006</i>	AN	0714204	5-29-96	Europe			
	AO						
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	AR						
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	AT						

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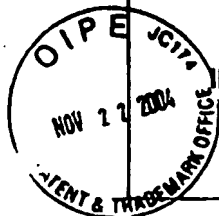
	AU	
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Examiner

*Matthew B. Smithers*

Date Considered

*06/14/07*



Form PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DKT. NO. 500.37130CC2	SERIAL NO. 10/677,359
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)		APPLICANT Osamu KAWAMAE <i>et al.</i>	
		FILING DATE 3 October 2003	GROUP Unassigned

## U.S. PATENT DOCUMENTS

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## U.S. PATENT APPLICATIONS

	Application Number	Name	Publication Date
AI			
AJ			
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AL			

## FOREIGN PATENT DOCUMENTS

	Doc. No.	Date	Country	Class	Subclass	Translation/Abstract?	
						Yes	No
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Examiner <i>Matthew B. Southern</i>	Date Considered <i>06/14/07</i>

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		<b>FILING DATE</b> October 3, 2003	<b>GROUP</b> 2615

**U.S. PATENT DOCUMENTS**

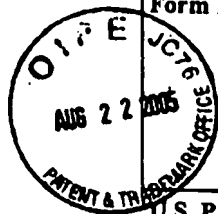
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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

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Examiner	Date Considered
Matthew B. Smith	6/14/07



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Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation / Abstract	
						Yes	No
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	AQ						
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	AS						
	AT						

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Examiner	Matthew B. Smithers	
	Date Considered	6/14/07

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Equivalent

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No. 500.37130CC2  
Serial No. 10/677,359  
Applicant: O. KAWAMAE, et al  
Filing Date: October 3, 2003  
Group: 2615



U.S. Patent Documents

Examiner Initials	Document No.	Date	Name	Class Subclass	Filing Date If Approp.
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Foreign Patent Documents

Document No.	Date	Country	Class Subclass	Translation Yes No
<del>10-3744</del> WO97/14147	4/97	PCT/JP96/02901		
<del>10-3744</del> 10-3744	1/98	Japan		
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Examiner

*Matthew B. Amthorn*

Date Considered

*06/14/07*

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609;  
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Oct 03 2003

U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No. 500.37130CC2  
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Applicant: KAWAMAE, et al  
Filing Date: October 3, 2003  
Group: 2137

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Examiner Initials	Document No.	Date	Name	Class Subclass	Filing Date If Approp.
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<del>0 775 498 A1</del>	<del>5/07</del>	<del>European</del>		
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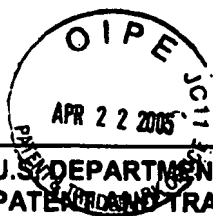
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		<b>FILING DATE</b> 3 October 2003	<b>GROUP</b> 2134

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Ex. Initial	Doc. No.	Date	Name	Class	Subclass	Filing Date
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						Yes	No
<del>AM</del>	AM	10-065662	03/06/1998	JP		US Pat Equiv	
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